Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 07 Apr 2021 until 23:59 on Thursday 08 Apr 2021

Forecast Issued on Wednesday 07 Apr 2021 at 02:55

Confidence: High for general theme, lower for wintry precipitation detail.

Headline for Wednesday 07 Apr 2021: Dry today. Periods of sunshine, but still feeling cold in the wind.

Mountain weather hazards on Wednesday 07 Apr 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny intervals	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability					
00%	00%	<05%	10%	10%	10%

Forecast for Wednesday 07 Apr 2021

Weather: Another cold, clear and frosty start to the day, giving way to a bright morning with long spells of sunshine. Staying cold in brisk north-westerly winds. Turning cloudier by the afternoon and evening, though remaining dry.

Chance of cloud free mountain/hill tops above 600m: 100%.

Visibility: Excellent air clarity throughout.

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Mountain Weather Forecast

Forecast for Wednesday 07 Apr 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/18 NW	15/20 NW	15/21 NW	15/21 NW	12/17 NW	9/14 W	11/16 SW
300	6/9 W	11/16 NW	13/18 NW	14/20 NW	10/16 NW	7/10 SW	7/11 SW
Valley	3/14 NW	9/17 NW	10/18 NW	11/20 NW	9/17 NW	3/9 SW	4/12 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-10	-3/-9	-0/-6	1/-5	0/-5	-1/-6	-1/-6
300	-2/-6	-0/-5	2/-2	3/-1	3/-1	1/-2	1/-2
Valley	-3/-5	1/-3	4/0	5/1	4/0	1/-0	1/-1
Freezing Level*	00m	00m	200m	200m	300m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Fairly strong winds will continue to bring significant wind chill at all levels throughout the day. Some strong sunshine is likely through the early to middle part of Wednesday and sun protection is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 07 Apr 2021	0mm	0mm	0mm

Forecast for Thursday 08 Apr 2021

Weather: Becoming cloudy during the early hours with outbreaks of rain or sleet and hill snow before daybreak. Fog likely at moderate elevation. Sleet or snow turning back to rain and drizzle during the morning, with cloud slowly lifting. Remaining largely cloudy and becoming windy into the afternoon with the risk of some passing, mainly light showers. Further patchy rain expected into the evening.

Maximum wind: West-southwesterly 25-30 mph, gusting 40-45 mph.

Chance of cloud free mountain/hill tops above 600m: 90% becoming 10% overnight in precipitation and early morning. Increasing to 60% by late morning, then 80% into the afternoon and evening.

Visibility: Poor visibility in early rain, sleet and snow, with extensive cloud bases down to 300-400m. Becoming good or very good visibility as rain eases late morning, with cloud becoming more broken and generally lifting above summits. Some temporary patchy cloud down to 600m during the afternoon and evening.

Temperature: **Valleys:** Plus 1 degrees Celsius, increasing to plus 7 degrees Celsius by day.
At 600m: Minus 1 degrees Celsius, increasing to plus 5 degrees Celsius by day.
Freezing level: 400m, lifting above summits from mid-morning.

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